

COUNTRY : BULGARIA  
CATEGORY : Plant Physiology. Growth and Development. I  
ABS. JOUR. : RZhBiol., No. 3 1959, No. 10632  
AUTHOR : Botev, B. At.,  
INST. :  
TITLE : Culture of Plant Tissues and Organs.  
  
ORIG. PUB. : Priroda (Bulg.), 1958, 7, No. 2, 55-59  
ABSTRACT : No abstract.

E N D

1561

CARD: 1/1

21

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6

BOTEV, Botiu, dots.

Tissue culture. Prir i znanie 17 no.8:3-7 O '64.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6"

BOTEV, B.

Stimulation experiments with cultures of root tips in vitro. p. 147

Bulgarska akademia na naukite. Institut po biologia "Metodi Popov."  
IZVESTIJA, BULLETIN. Sofia, Bulgaria, Vol. 9, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 12  
December 1959  
Uncl.

BULGARIK/General Biology. Cytology. Animal and Human Cytology.

B-2

Abs Jour: Ref Zhur-Biol., No 20, 1958, 90302.

Author : Botev, B.

Inst : The V. Chervenkov Supreme Medical Institute, Dept. of Experimentation and Theory.

Title : Concerning "Chromidial" Formation in the Sex Cells of *Helix Pomatia*.

Orig Pub: Nauchni tr. Vissn. ned. in-t "V. Chervenkov". Yeksperimenter. katedri, 1954 (1956), 1, No 2, 7-21 (Bulgarian; res. Russ., Ger.)

Abstract: This study confirms the presence in the cytoplasm of the male sex cells of *H. Pomatia* of "chromidial" formations (CF) in the form of the granules and fibers described by M. Popov. Not all methods of staining reveal (CF). The negative reaction to staining accord-

Card : 1/2

BULGARI: General Biology. Cytology. Animal and Human Cytology.

B-2

Abs Jour: Ref Zhur-Biol., No 20, 1958, 90302.

ing to Unna-Pappenheim and Felgen indicates that the substances of which they are composed differ from chromatin. In the author's opinion, (CF) represents different morphological forms of one and the same substance. -- N.B.V.

Card : 2/2

6

MAVRUDINOV, N.; TOSHKOVA, B.; BOTEV, B., RADUILSKA, A.; DOBREVA, I.

Treatment of hypertension by irradiation of the mesencephalon.  
Svren.med., Sofia 6 no.3:59-63 1955.

1. Iz katedrata po vutreshni bolesti sus surdechno-sudovi заболиванія при ISUL (зав.дотс. V.T.Tsonchev), Pengenovia institut pri ISUL (зав. prof. G.Tenchov) i XVII poliklinika pri SGMS na TST - Sofia.

(HYPERTENSION, therapy

x-irradiation of mesencephalon (Bul))

(RADIOTHERAPY, in var.dis.

hypertension, irradiation of mesencephalon (Bul))

(MESENCEPHALON, eff. of radiations on,

x-rays, ther. of hypertension by mesencephalon irradiation(Bul))

POPIVANOV, R.; BOTEV, B.

Specific reactions of the hetero-immune antibodies to Ehrlich adenocarcinoma, isolated by absorption and elution. Izv Inst biol BAN 11: 351-365 '61. (EEAI 10:9)

(ANTIGENS AND ANTIBODIES) (CARCINOMA)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6

BOTEV, B.

A model industrial safety first enterprise. Dnug tr un no.5:  
24-25 '61.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6"

POPIVANOV, R.; BOTEV, B.

Specific reactions of heteroimmune antibodies to Ehrlich adenocarcinoma isolated by absorption and elution. Izv. inst. biol. Popov (Sofia) 11:351-365 '61.

(NEOPLASMS immunol) (ANTIBODIES)

BOTEV, B.

Study on Popov's method in the field of cytology. Izv. inst.  
biol. Popov 12:293-303 '62.

(CYTOLOGY)

BOTEV, B.; GOSPODINOV, G.; VELICHKOV, L.

Our experience with contrast roentgen examination of the abdominal aorta and vessels of the lower end. Khirurgia 15 no.5/6:542-546 '62.

1. Institut za spetsializatsiya i usuvurshenstvuvane na lekarite - Sofia. Katedra po rentgenologiya i radiologiya. Zav. katedrata: prof. G. Tenchov[deceased].

(ANGIOGRAPHY)

BOTEV, G.D.

Effect of the conditions of drying red pepper on its quality  
after grinding. Kons. i ov. prom. 14 no.9:35-38 S '59.  
(MIRA 12:12)

1.Gosudarstvennyy konservnyy kombinat "Yagoda," g.Yambol, Bolgariya.  
(Bulgaria--Pepper--Drying)

BOTEV, G.D.

Observations on the canning of green peas. Kons. i ov. prom.  
14 no.10:36-39 0 '59. (MIRA 12:12)

1. Gosudarstvennyy konservnyy kombinat "Yagoda," g.Yambol, Bolgariya.  
(Peas, Canned)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6

BOTEV, Iv., inzh.; KUTEVA, I.

Modern methods in fur tanning. Koshi Sofia 3 no.5:3-6 '62.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6"

BOTEV, IV., inzh.

Optical bleachers and their use in leather manufacture. Koshi  
Sofia 4 no.5/6:21-23 '63.

1. DIP "Bulgarska kozhukharska industriя".

BOTEV, Iv., inzh.

Reactive dyes and their application in the fur and  
leather industries. Kozhi Sofia 5 no.3:4-7 '64.

1. BKI.

BOTEV, K.

"How we Temporarily Preserved the Acorn." p.236  
"Discussions on Fertilizing Lignous Plant." p.238  
(GORSKO STOPANSTVO Vol. 9, no. 5, May 1953 Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,  
Oct. 1953, Unci.

BUCHVAROV, B. dots; BOTEV, Shch.; DIMITROV, D.; PROFIROV, D; TOLEV, Iv.

Lubrication oil in dermatological practice. Suvrem.med., Sofia  
6 no.4:42-49 '55.

1. Iz klinika za kozhni i venericheski bolesti pri Visshiia  
meditsinski institut I.P. Pavlov-Plovdiv (zav.:dots. B. Buchvarov)  
(PETROLEUM PRODUCTS, therapeutic use,  
lubrication oil in skin dis.)  
(SKIN, diseases,  
ther., lubrication oil)

BOTEV, Shch.; MUSTAKOV, G.; LOVEV, S.; XHIMBAROV, St.; BEROVA, N.; CHESHMEDZHIEV,  
Zh.

Experience of the Scientific and Research Institute for Skin and Venereal  
Diseases in the treatment of skin diseases with biomycin. Suvrem. med.,  
Sofia 8 no.8:3-12 1957.

I. Iz nauchnoissledovatelskiiia kozhno-venerologichen institut - Sofiia  
Direktor: prof. P. Popkhristov.  
(SKIN DISEASES, ther.  
chlortetracycline)  
(CHLORTETRACYCLINE, ther. use  
skin dis.)

EXCERPTA MEDICA Sec 13 Vol 13/5 Dermatology May 59

1136. TREATMENT OF PSORIASIS WITH AMINOPTERINE (Bulgarian text) -  
Petkov II., Botev S. and Hlebarov St. Sci. Res. Dermatol. and  
Venereol. Inst., Sofia - SAVR, MED. 1958, 9/4 (25-34) Tables 1 Illus. 7  
The authors treated 54 patients suffering from psoriasis with aminopterine. The  
dose was half a milligram morning and evening in the course of 10 days. Twenty  
patients were subjected to one treatment course, 29 patients to more courses. The  
intervals between the courses were 7 to 10 days. The authors came to the following  
conclusion: aminopterine administered in quantities which approach the toxic  
amount erased the skin affection in 40-80% of the patients. The curative effect  
manifested itself surprisingly quickly in comparison with the heretofore known and  
utilized anti-psoriatic means. The recurrences, however, occurred rather quickly,  
after the treatment was discontinued. It is the authors' opinion that due to the  
toxicity, the practical use of aminopterine against psoriasis should be limited and  
should be carried out only under clinical conditions with strict observation of all  
contraindications and with a most thorough laboratory (especially haematological)  
control.

POPOV, L.; POPKHISTOV, P.; BOTEV, Sht.; RAZDIEKOV, B.; GRIGOROV, I.; KHLIBAROV, St.

Resochin (aralen, nivaquine) in the treatment of lupus erythematosus & other skin diseases. Suvren. med., Sofia 9 no.9:3-16 1958.

1. Iz klinikata po kozhni i venericheski bolesti pri VMI-Sofia (Direktor: prof. L. Popov) Iz Nauchnoissledovatelskii kozhno-venerologichen institut (direktor: prof. P. Popkhristov).

(LUPUS ERYTHEMATOSUS, DISCOID, ther.

chloroquine (Bul))

(LUPUS ERYTHEMATOSUS, DISSEMINATED, ther.

chloroquine (Bul))

(SKIN DISEASES, ther.

chloroquine (Bul))

(CHLOROQUINE, ther. use

lupus erythematosus & other skin dis. (Bul))

ENEV, K.; KONSTATINOVA, L.; IANUSH, V.; BOTEV, S.

Surgery of the liver and biliary tract according to date of the  
surgical ward of the I Gradska obedinena bolnitsa in Sofia.  
Khirurgija, Sofia 13 no.2-3:171-175 '60.

1. Iz khirurgichnoto otdelenie pri I gr. obedinena bolnitsa in Sofia.  
(LIVER surg.)  
(BILIARY TRACT surg.)

BOTEV, Sht.

PETKOV, Il.

Bulgaria

No degree listed

Department of Skin and Venereal Diseases of the  
Higher Medical Institute (Vissh Meditsinski Insti-  
tut), Sofia; Department Head: Prof L. POPOV  
Scientific Research Skin-Venerological Institute  
(Nauchno-issledovatel'skiya Kozhno-venerologichen  
Institut), Sofia; Director: Prof P. POPKHEISTOV.

Sofia, Dermatologiya i Venerologiya, supplement of  
Suvremenna Meditsina, No 1, 1962, pp 12-16.

"The Treatment of Severe Alopecia with Hormonal and  
Neuroplastic Drugs"

Co-authors:

BOTEV, Sht., Department of Skin and Venereal Diseases  
of the Higher Medical Institute, Sofia; Scientific  
Research Skin-Venerological Institute, Sofia.

1/2

PETKOV - Continued

Co-authors:

KAPNILOV, St., Department of Skin and Venereal Diseases  
of the Higher Medical Institute, Sofia; Scientific Re-  
search Skin-Venerological Institute, Sofia.  
PEKLIVANOV, P., Department of Skin and Venereal Diseases  
of the Higher Medical Institute, Sofia; Scientific Re-  
search Skin-Venerological Institute, Sofia.  
KIRYAKOV, Iv., Department of Skin and Venereal Diseases  
of the Higher Medical Institute, Sofia; Scientific Re-  
search Skin-Venerological Institute, Sofia.

2/2

KNEV, K.; JANUSH, V.; BOTEV, S.

Lithiasis of the common bile duct according to experiences  
of the surgical ward of the 1st City Unified Hospital in  
Sofia. Khirurgiia 15 no.9/10:934-938 '62.

(CHOLELITHIASIS)

PETKOV, Il.; KAPNILOV, St.; BOTEV, Sht.; PEKHLIVANOV, P.; KIRIakov, Iv.

Treatment of severe forms of alopecia aerata with hormonal  
and neuroplegic drugs. Dermato vener Sofia 1 no.1:12-16 '62.

1. Iz Katedrata po kozhni i venericheski bolesti pri VMI,  
Sofia (Rukovoditel na katedrata prof. L. Popov) i  
Nauchno-izsledovatelskia kozhnc-venerologichen institut,  
Sofia (Direktor prof. P. Popkhristov).
2. Otgovoren redaktor, "Dermatologija i venerologija"  
(for Petkov).
3. Chlen na Redaktsionen suvet, "Dermatologija i venero-  
logija" (for Botev).

BOTEV, Stefan, insh.

Technoscientific conference on the problems of instrumental economy. Tekh delo 13 no.430:2 9 Je '62.

BOTEV, St., imzh.

National technoscientific conferences on the exploitation of our  
merchant marine and the iron tempering. Tekh delo 13 no.424:2 21  
Ap '62.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6

BOTEV, St., insh.

A new assembly conveyer. Mashinostroenie 12 no.4:37 Ap '63.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6"

ENEV, K.; BOTEV, St.

Surgery of the liver and biliary tract in aging patients.  
Khirurgiia 17 no.2:218-220 '64.

1. Iz khirurgichnoto otdelenie na I gr. obedinena bolnitsa -  
Sofia.

Botev, V.

LAntra l automatic cotton loom. p. 33.

TEKHNIKA. (Suiuz za nauchno-tekhniceskite druzhestva v Bulgaria) Soffia, Bulgaria.  
VOL. 8 NO. 9, 1959.

Monthly List of East European Accessions EEAI) LC, Vol. 9, No. 2, Feb. 1960.  
UNCL

KOTOV, N.; KASNAKOV, Iv.; BOTYV, Z.

A case of total atelectasis of the right lung after appendectomy. Suvrem.  
med., Sofia 9 no.3:90-93 1958.

1. Iz bolnitsata na MVR- Plovdiv (Nachalnik: Penkov)  
(ATELECTASIS, etiol. & pathogen.  
right, after appendectomy (Bul))  
(APPENDIX, surg.  
postop. right atelectasis (Bul))

CHAKUROV, Ag., dotsent; PETROV, A.; MILANOV, A.; PENKOV, V.; CHERVENIAKOV,  
V.; BOTEV, Z.; DOZOV, N.

Results of 2300 appendectomies. Khirurgia (Sofia) 17  
no.3:311-320 '64.

1. Republikeńska bolnitsa Ministerstvo na narodnoto zdrave i  
sotsialnite grizhni.

IVANOV, Iv.; MIRKOV, K.; VASILEV, Z.; BOTEVA, L.

Treatment of Bartholinitis with Albothyl concentrate. Akush.  
ginek. (Sofia) 3 no. 6:84-86 '64.

ATANASOVA, D.; MORDOHAJ, M.; NOTOV, At.; OVAGIMOV, O.; SHISHKOV, V.;  
STANCHEV, Iv.; CANEV, K.; BOTEVA, Z. dr.

Observations on agricultural workers using organic phosphoric  
compounds. Folia med. (Plovdiv) 7 no.1:39-43 '65

1. Higher Medical Institute "I.P. Pavlov" in Plovdiv, Bulgaria,  
Chair of Faculty Therapy (Chief prof. B. Jurukov); Health  
and Anti-Epidemic Station in Plovdiv (Chief Physician: Hr.  
Hristov); and Health Centre, Railway Station, Kricim (Chief  
Physician: Z. Boteva).

RUMANIA

COSTESCU, Niță, Dr; BOTEZ, A., Dr; GHIRCES, A., Dr; VASILIU, G., Dr; TASCA, D., Dr.

1. Hospital No. 2, Ministry of Transports and Telecommunications (Spitalul nr. 2, M.T.T.), Bucharest (For all); 2. Surgery Section (Sectia de chirurgie) - (For Costescu, Botez and Ghirces); 3. Pediatric Section (Sectia de pediatrie) - (For Vasiliu and Tasca).

Bucharest, Viata Medicala, No 13, 1 Jul 63, pp 897-902

"Severe Digestive Hemorrhage In Children In the Course of Cortisone and Acetylsalicylic Acid Treatment. Surgical Intervention Under Hypothermia."

(5)

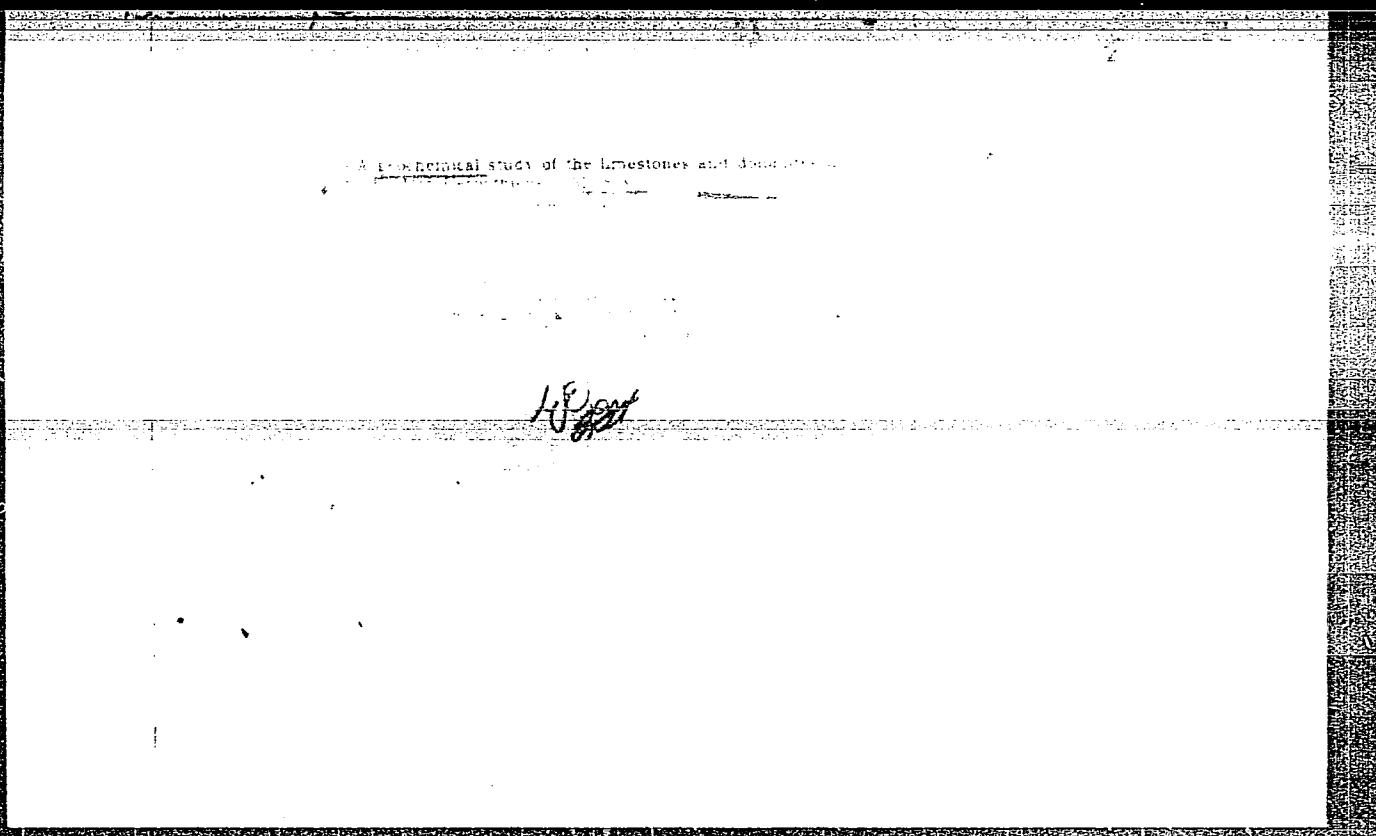
RIZESCU, Josefina, dr.; BOTEZ, Ana, dr.; PORUMBITA, Maria, laboranta

Contribution to the study of the culture of *Mycobacterium tuberculosis*. Microbiologia (Bucur) 10 no.2:169-171 Mr-Ap'65.

1. Lucrare efectuata in laboratorul de bacteriologie, Sanatoriul de tuberculoza, Balotesti.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6



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CIA-RDP86-00513R000206610019-6"

BOTEZ C.  
RUMANIA/Cosmochemistry - Geochemistry, Hydrochemistry

D.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4176

Author : Savul, M., Botez, C.

Inst : Rumanian Academy of Sciences

Title : Phosphorus Geochemistry in Rumanian People's Republic.  
I. Clarke Distribution of Phosphorus in Bioliths.

Orig Pub : Studii si cercetari stiint. Acad. RFR. Fil. Iasi, 1955,  
6, No 3-4, 149-187

Abstract : On the basis of literature data and of 268 original analyses of  $P_2O_5$ ,  $Fe_2O_3$ , MnO and  $SiO_2$  there have been determined the regularities of phosphorus distribution in rocks of different types: Triassic limestones and dolomites of Eastern Carpathians, jasper of Eastern Carpathians, Cretaceous and Oligocene schists, coal of Anina and Petroshany deposits, etc. Most of the derived values do not exceed Clarke's limits. Frequency curves

Card 1/2

- 67 -

RUMANIA/Cosmochemistry - Geochemistry. Hydrochemistry

D.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4176

show a maximum in the case of limestones at 100-150, and in the case of dolomites at 100-300 g/t P<sub>2</sub>O<sub>5</sub>. In individual instances the amount of P<sub>2</sub>O<sub>5</sub> reaches ~ 500 g/t in limestones and 1000 g/t in dolomites, which indicates contamination with terrigenous material containing phosphorus, or poisoning of anaerobic bacteria with products of vital processes. There are included 17 geochemical diagrams: SiO<sub>2</sub>-P<sub>2</sub>O<sub>5</sub>, Fe<sub>2</sub>O<sub>3</sub>-P<sub>2</sub>O<sub>5</sub> etc.

Card 2/2

- 68 -

RUMANIA/Geochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour: Ref Zhur-Khimia, No 22, 1958, 73591.

Author : Savul, M.; Botan, C.

Inst : Academy of Sciences of Rumania, Iasi Branch.

Title : Geochemistry of Phosphorus in People's Republic  
of Rumania. II. Phosphorus in Magmatic Rocks.

Orig Pub: Studii si cercetari stiint. Acad. RPR Fil. Iasi.  
Chim. 1956 (1957), 7, No 2, 33-88.

Abstract: The fluctuations of  $P_2O_5$  contents depending on the acidity and the basicity degrees of rocks were studied based on bibliographical data (about 3,000 specimens from various parts of the world). The conclusion was arrived at that in the case of acid rocks, the dispersion limits of P were very insignificant, but that the dispersion increased with

Card : 1/2

RUMANIA/Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73591.

the transition to basic and ultrabasic rocks. Clarke concentrations of  $P_2O_5$  of above 1% are found in rocks containing 30 to 35% of  $SiO_2$ ; higher concentrations of  $P_2O_5$ , i.e., the ore phase, appear in rocks containing 0 to 10% of  $SiO_2$ , especially in rocks containing 0 to 5% of  $SiO_2$ . The distribution of  $P_2O_5$  in magnetic rocks of Rumania is studied in the second part of the paper with the application of conclusions made based on statistical studies. The conclusion is arrived at that the insignificant number of chemical analyses of Rumanian rocks does not allow to make the transition from clarke concentrations to ore concentrations apparent. See report 1 in RZhKhim, 1957, 4176.

Card : 2/2

COUNTRY	: Rumania	D
CATEGORY	: Cosmochemistry. Geochemistry. Hydrochemistry.	
ABS. JOUR.	: REKhim., No. 19, 1959, No. 6755	
AUTHOR	: Savul, M.; Botez, C.; Jeanrenaud, P.	
INST.	: Rumanian Academy	
TITLE	: Geochemistry of Minor Elements -- Cu, Pb and Zn of Palaeogene Flysch in Tarcău and Făgăraș Facies -- Tar Valley (Eastern Carpathians)	
ORIG. PUB.	: Studii si cercetari stiint. Acad. RPR Fil. Iasi. Chim., 1958, 9, No 1, 57-81	
ABSTRACT	: The content of the above-stated elements was determined in 40 specimens of sedimentary rocks. The following ranges were obtained (in %): sandstones -- Cu $3 \cdot 10^{-4}$ to $5.2 \cdot 10^{-3}$ ; Zn $2 \cdot 10^{-4}$ to $6.6 \cdot 10^{-3}$ ; Pb $2 \cdot 10^{-4}$ to $3.4 \cdot 10^{-3}$ ; marls and marly limestones -- Cu $7 \cdot 10^{-4}$ to $1.19 \cdot 10^{-2}$ ; Zn $2.2 - 5.0 \cdot 10^{-3}$ ; Pb $3 \cdot 10^{-4}$ to $2.0 \cdot 10^{-3}$ ; clays -- Cu $3.8 \cdot 10^{-3}$ to $1.07 \cdot 10^{-2}$ ; Zn $3.8 - 7.6 \cdot 10^{-3}$ ; Pb $1.2 - 6.8 \cdot 10^{-3}$ . Histograms, triangular dependence diagrams, and geochemical sections are plotted. An increase of average concentrations of Cu, Zn, and Pb, from psophites to psammites and pelites, was ascertained, which is connected with effect of adsorption process. Concurrently an	
CARD:	1/2 * Ionesi, L.	

COUNTRY : Romania  
CATEGORY :

D

ABS. JOUR. : RZKhim., No. 19, 1959, No. 67555

AUTHOR :  
INST. :  
TITLE :

ORIG. PUE. :

ABSTRACT : increase takes place in correlational bond between these elements. Cu has the highest geochemical mobility. -- G. Vorob'yev.

CARD: 2/2

NICHITA, O.; BOTEZ, Cornelia

Utilization of the clay merl schist from the Baia-Mare region as  
a local agricultural fertilizer. Studii fiz tehn Iasi 11 no.1:149-  
153 '60. (EEAI 10:3)

(Romania--Fertilizers and manures)  
(Schists) (Clay) (Marl)

SAVUL, M., prof.; ABABEI, V.; BOTEZ, C.; MOVILEANU, A.

Studies on the regularity of geochemical distribution in certain elements and minerals in Rumania. Studii chim Iasi 11 no.2:205-225 '60.

1. Academia Republicii Populare Romine, Filiala Iasi, Institutul de chimie "Petru Poni." 2. Comitetul de redactie, "Studii si cercetari stiintifice, chimie" (Academia Republicii Populare Romine, Filiala Iasi); membru corespondent al Academiei Republicii Populare Romine (for Savul).

(Trace elements) (Minerals)

SAVUL, Mircea, prof.; BOTEZ, Cornelia; IONESI, L.; NACU, Al.

Distribution of some elements in the Senonian, Eocene, and Oligocene deposits of the marginal Flysch of the Eastern Carpathians in northern Moldavia; Valea Humorului. Studii chim Iasi 11 no.2: 227-261 '60.

1. Academia Republicii Populare Romane, Filiala Iasi, Institutul de chimie "Petru Poni." 2. Membru corespondent al Academiei Republicii Populare Romane; Comitetul de redactie, "Studii si cercetari stiintifice, chimie" (Academia Republicii Populare Romane, Filiala Iasi) (for Savul).

(Carpathian Mountains) (Minerals)

SAVUL, M.; ABABEI, V. [Ababei, V.]; BOTEZ, X. [Botez, C.]; MOVILIANU, A.  
[Movileanu, A.]

Characteristics of the geochemical distribution of certain elements  
and minerals in Romania. Rev chimie 6 no.1:95-114 '61.

1. Institut khimii imeni "P. Peni", Iasskiy filial Akademii RNR.
2. Chlen-kerrespondent Akademii RNR (for Savul).

SAVUL, Mircea, prof.; BOTEZ, Cornelia; NACU, Al.

Copper, zinc and lead as trace elements in the rocks of the zone of marginal flysch in Valea Humorului, Eastern Carpathians.  
Studii chim Iasi 12 no.1:69-85 '61.

1. Academia R.P.R., Filiala Iasi, Institutul de chimie "P.Poni."
2. Membru corespondent al Academiei R.P.R. si Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Chimie"-Filiala Iasi- (for Savul).

SAVUL, M.; BOTEZ, C.; IONESI, L.; OLARU, D.; NACU, Al.

The rock chemistry of the Paleogene Flysch in the Transition facies in  
the Moldovita Valley, Northern Moldavia, for Co, Ni, Mn, Cu, Pb, Zn  
elements. Studii cerc geol 7 no.3/4:513-540 '62.

1. Membru corespondent al Academiei R.P.R. (for Savul).

BOTEZ, C., ing.

Determining the verticality of drilling derricks by topo-graphic methods. Rev. geodezie 7 no.4:12-29 '63.

1. Ministerul Industriei Petrolului si Chimiei D.G.F.E.T.

SAVUL, M., acad., BOTEZ K. [Botez, C.] IONESI, L., OLARU, D.,  
NAKU, A. [Nacu, A.]

Chemism of the rocks of the Paleogene Flysch transient  
facies, developed in the Moldovita Valley (Northern  
Moldavia) for the Co, Ni, Mn, Cu, Pb, Zn elements.  
Rev geol geog Rum 7 no. 2: 217-244 '63.

BOTEZ, C.; SWIZEWSKI, C.

Economic and geographical contributions to the study of the wood industry in Moldavia. Anal St Jassy II 10:159-168 '64.

1. Submitted October 26-27, 1963.

ACC NR: AP6029170

SOURCE CODE: RU/0003/66/017/002/0098/0099

AUTHOR: Botez, C.37  
BORG: Rubber Plant (Fabrica de cauciuc)TITLE: Lead cyanamide - an anticorrosive pigment

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 98-99

TOPIC TAGS: corrosion inhibitor, pigment, lead compound, chemistry technique

ABSTRACT: The author reports on laboratory studies to determine optimum operating parameters in the preparation of the anti-corrosive pigment, lead cyanamide. The preparation involves preparation of a calcium cyanamide solution, preparation of lead salts, and precipitation of the product. Orig. art. has: 1 figure, 3 tables and 2 formulas. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none

Card 1/1 JS

0917 2737

L 38096-66

IJP(1)

ACC NR: AP6028692

SOURCE CODE: RU/0007/66/017/001/0037  
*18*  
*JB*AUTHOR: Ursu, D. P. (Engineer); Botez, C. (Engineer)

ORG: none

TITLE: Compensation of a trilateration network with condition equations on fixed coordinates

SOURCE: Petrol si gaze, v. 17, no. 1, 1966, 32-37

TOPIC TAGS: coordinate, geometry

ABSTRACT: The authors present a variant of trilateration compensation with condition equations which is applied to a set of figures that may be encountered singly or in networks. The variant is based on a principle enunciated by Edward Warchałowski relating the variations of the sides subject to compensation to the variation of the angles derived from them. Orig. art. has: 2 figures, 27 formulas and 5 tables.

JPRS: 36, 457

SUB CODE: 12 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

Card 1/1 MCLP

~ ~ ~ ~ ~ 255

S/081/62/000/005/015/112  
B158/B110

AUTHORS: Savul, M., Ababei, V., Botez, C., Movileanu, A.

TITLE: Studies connected with the mechanisms of geochemical distribution of certain elements and minerals in Rumania

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 5, 1962, 118, abstract 5G7 (Studii si cercetări stiint. Acad. RPR Fil. Iași. Chim., v. 11, no. 2, 1960, 205 - 225)

TEXT: Results are presented in the form of generalized tables and graphs of the determination of V, P, Mn, Cu, Zn, Pb, Co, and Ni in rocks, minerals, and soils carried out in the last 10 years in the P. Poni Chemical Institute, Iasi. [Abstracter's note: Complete translation.] ✓

Card 1/1

BOTEV, Georgi

Some data on selenium current-rectifying cages and columns made  
in our country. Elektroenergiia 13 no.3:9-13 Mr '62.

BOTEZ, E.

Related problems in the operation of Cog-wheel pumps. METALURGIA SI CONSTRUCTIA DE MASINI (Metallurgy and Machine Construction.) 2:13:Feb 55

Botez, E.

**TECHNOLOGY**

Periodical METALURGIA SI CONSTRUCTIA DE MASINI Vol. 10, No. 11, Nov. 1958

Botez, E. The feed speed; problems of machines tools. page 969.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 53  
May 1959, Unclass.

Monographs

CHIS, Gh.; TODORAN, I.; BOTEZ, E.

Observations of the minor planets and comets. Studii astron seismol  
5 no.2:333-346 '61. (EEAI 10:9)

1. Observatorul astronomic Cluj. 2.Comitetul de redactie, Studii si  
cercetari de astronomie si seismologie (for Chis).

(Planets) (Comets)

POPOVICI, Gh.Gh.; MOISA, Lucia; NEGOITA, Margareta; MANOILA, Virginia;  
BOTEZ, Emilia; HAFNER, Renee; GUMENI, Nona

The influence of some antibiotics on intestinal motor activity.  
Fiziol. norm. pat. 6:519-527 '64

1. Catedra de farmacologie Institutul medico-farmaceutic, Iasi.

POPOVICI<sup>u</sup>, G.G. [Popovici, G.]; MOYSE, L. [Moisa, L.]; NEGOITSE, M. [Negoita, M.]; MANOULE, V. [Manoilu, V.]; BOTEZ, E.; GAFNER, R.; KELERASHU, A. [Calarasu, A.]

Effect of some antibiotics on the reactivity of the components of interoceptive reflexes. Antibiotiki 10 no.2:122-130 F '65.  
(MIRA 18:5)

1. Meditsinskiy institut, Yassy, Rumyniya.

BOTEZ, G.

"Helicoidal motion."

p. 579 (Gazeta Matematica Si Fizica) Vol. 9, no. 11, Nov. 1957  
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

BOTEZ, G.; TEODOROVICH, Gr. [Teodorovici, Gr.]; LUPUSHOR, G. [Lupusor, Gh.];  
NITSESKU, S. [Nitescu, S.]; BERNESCU, Ye. [Bernescu, E.]

Preparation of antibiotic tablets for the determination of bacterial  
sensitivity by means of the agar diffusion method. Antibiotiki  
5 no.6:80-83 N-D '60. (MIRA 14:3)

1. Politekhnicheskiy institut i Meditsinskiy institut, Yassy, Rumyniya.  
(ANTIBIOTICS)

BOTEZ, Gh.

✓ Valorization of willow wood by dry distillation. M. Marinescu, Gh. Botez, and F. Vălu. Acad. rep. populare Române, Filiala Târgu Studii cercetări Științ. 3, No. 1/4, 213-24 (1952).—*Salix alba* (I) was subjected to dry distn. in a horizontal retort. The max. yield in HOAc is obtained when I is between 15 and 20 yrs. old. The yield in insol. tar increases with the age of I. The younger the I the higher the C content. These above-mentioned values are obtained from beech wood (II) only if 40, 45, and 50 yrs. old. The properties of the C of I show that it can replace the C of II. The regeneration of I is 3-4 times faster than that of II.

3

Xuel  
The bark of young I is richer in tannins than that of II.  
Emanuel Merdinger

BOTEZ, Gheorghe

The composition of tar obtained on dry distillation of willow. Gheorghe Botez, Mihai Marinescu, and Ana Ciocchina. Acad. rep. populare Române (Iași), Studii cercetării științ. 5, No. 1/2, 221-32 (1954).—The tar yield obtained on dry distn. of willow is a linear function of the tree age and surpasses that from beech. The results compared with those from beech show that the yields and compn. of acids and light oils differ little; the yield in heavy oils, of identical compn., is lower; because of a different lignin structure, the phenol and creosote yields are 3 times higher, whereas the guaiacol and cresol yields are lower; the pharmaceutical creosote derived from the crude creosote from willow meets the requirements of the local pharmacopœia and thus is applicable for antiseptics and disinfectants.

T. Z. Dénésy

3

RUMANIA/Chemical Technology - Chemical Products and Their  
Applications - Wood Processing Industry.  
Hydrolytic Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37620  
Author : Botez, Gh., Marinescu, M., Ciochina, A.  
Inst : -  
Title : Composition of Light Willow Wood Oil Obtained by Dry  
Distillation of Willow.  
Orig Pub : Bul. Inst. Politehn. Iasi, 1955, 1, No 1-2, 123-129  
  
Abstract : Light oil, obtained by dry distillation of willow  
wood in which its content is ~ 2%, has  $d_{20}$  = 0.899  
and a distillation range from 48-163°C. Water extrac-  
tion with subsequent distillation of the extract (up to  
93°C) yields a mixture from which the following subs-  
stances may be isolated (wt. %): acetone 10.7 methyle-  
thylketone 5.3,  $\text{CH}_3\text{OH}$  5.4, and  $\text{C}_2\text{H}_5\text{OH}$  2.5.

Card 1/3

14

RUMANIA/Chemical Technology - Chemical Products and Their  
Applications - Wood Processing Industry.  
Hydrolytic Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37620

Vacuum distillation of water insoluble oil fraction (~ 75%) (58°C fraction) yields a mobile, almost colorless liquid whose  $d_{20} = 0.915$  and which consists of 91% of  $\text{CH}_3\text{COOCH}_3$ . From the remaining part of the water insoluble fraction the following cuts are obtained in the 58-105°C temperature range: 60-75°C fraction, containing 2-methyl-furane which may be produced in pure state ( $d_{20} = 0.901$ ,  $n^{20}\text{d} = 1.42$ ) by redistillation at 62-65°C; 80-98°C fraction, containing  $\alpha$ - $\alpha'$ -dimethylfurane and  $\alpha$ - $\beta'$ -dimethylfurane, (redistillation of the latter fraction (93-96°C) yields a liquid of  $d_{20} = 0.899$  and  $n^{20}\text{d} = 1.43$ ). Fractional distillation of 105-165°C cut yields (wt. %): toluol 25, ethylbenzol 9.5, m- and p-xylols 12.3 o-xylol 8, cumol 6, mesitylene 10 and other substances. Asphalt residue yields a tar

Card 2/3

RUMANIA/Chemical Technology - Chemical Products and Their  
Applications - Wood Processing Industry.  
Hydrolytic Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37620

(BP = 93°C) upon elimination of aromatic hydrocarbons,  
and NaOH treatment. The tar is soluble in acetone and  
is suitable for coatings. Authors concluded that wil-  
low wood may be substituted for beech wood in the pro-  
duction of various solvents and other substances.

Card 3/3

15-

BOTEZ, GH. ; MAYER, A. ; DIACONESCU, E.

Extract of algae as a substitute for the starch used in the textile industry.  
p. 211

STUDEII SI CERCETARI STIINTIFICE. CHIMIE. Iasi, Rumania  
Vol. 8, no. 1, 1959

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 9  
Sept. 1959

Unc1.

BOTEZ, GH., and others.

Tests on the biosynthesis of some new penicillins by using the sulfamido-phenoxyacetic acids and their amides as precursors. p. 92.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 2, Feb. 1959.

Monthly List of East European Accessions. (EEAI), LC. Vol. 8, no. 9, Sept. 1959.  
Uncl.

BOTEV, Georgi, inzh.

Some data on the production and application of selenium  
rectifiers. Elektroenergiia 12 no.11/12:22-25 N-D '61.

BABERKOV, Iv., inzh.; DIMOV, D., inzh.; BOTEV, G., inzh.

Possibilities of using coal cutters in Bulgaria. Min delo  
17 no.5:6-10 My '62.

1. Minen nauchnoizsledovatelski institut.

BOTEZ, IOACHIM.

GEOGRAPHY & GEOLOGY

BOTEZ, IOACHIM. Prin Bucuresti ofinicara si azi. Coperta si ilus. de P. Nazarie. 1.ed. Bucuresti, Editura Tineretului, 1956. 77 p. Through Bucharest, once and today. 1st ed. illus.

NN

Not in DLC

Monthly List of Eastern European Accessions (EEAI) Vol. 11, No 2  
April 1959 Unclass.

RUMANIA / Cultivated Plants. Fruits, Berries,  
Nutbearing, Teas.

M-6

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6420

Author : Botez, I.

Inst : Not given

Title : Jonathan - Apple Tree Variety

Orig Pub : Gradina, via si livada, 1958, 7, No 5, 43-47

Abstract : No abstract given

Card 1/1

BORDEIANU, T.; TARNAVSCHI, I.; RADU, I. F.; BUMBAC, Ecaterina; BOTEZ, M.  
MARIN, Ana

Winter rest and biological threshold of the apricot flower buds.  
Studii cerc biol veget 13 no.4:427-440 '61.

I. Membru corespondent al Academiei R.P.R. si membru al Comitetului  
de redactie, "Studii si cercetari de biologie, Seria biologie vegetala"  
(for Bordeianu).

BOTEZ, M., prof. dr.; ATUDOREI, M., asist. ing.

Linearization of conditional equations of the compensation  
geodesic triangulations with the aid of the natural values of  
cotangents. Rev geodezie 6 no.3:18-28 '62.

1. Institutul de constructii, Bucuresti, Sectia geodezie.

BOTEZ, M., prof. dr.; MUNTEANU, C., asist. ing.; GHITAU, D., asist. ing.

Electronic calculators and their use in geodetic calculations.  
Rev geodezie 6 no.4:19-34 '62.

1. Institutul de constructii Bucuresti, Sectia geodezie (for  
Botez, Munteanu, Ghita).

BOTEZ, M., COHN, H.

"Probability theory and mathematical statistics" by Marek Fisz.  
Reviewed by M.Botez, H.Cohn. Rev math Roum 10 no.1:100-102 '65.

BOTEZ, Mihail, prof.

On the section in a triangular prism similar to a given triangle. Gaz  
mat fiz 14 no.2:70-73 F '62

1. University, Bucuresti.

BOTEZ, M., prof. dr.; ATUDOREI, M., asist. ing.; GHITAU, D., asist. ing.;  
BREBAN, A., asist. ing.

Experimental measurements by means of the M.R.A.l/C.W. tellurometer.  
Rev geodesie 7 no.3:5-17 '63.

1. Institutul de constructii Bucuresti - sectia geodesie.

BOTEZ, M., prof.dr.; ATUDOREI, M., asist. ing.; GHITAU, D., asist. ing.

Experiments made with the tellurometer in Rumania between  
1961- 1963. Rev geodesie 8 no.1:27-33 '64

1. Catedra de geodesie de la constructii, Bucuresti.

L 19883-66 LWT(d) LJP(c)

ACC NR: AP6010165

SOURCE CODE: BU/0011/65/018/008/0703/0705

AUTHOR: Botez, M.; Cohn, H.

ORG: none

16, v11, 5

TITLE: Multidimensional limit theorem for aleatory systems with complete links

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 8, 1965, 703-705

TOPIC TAGS: probability, mathematics

ABSTRACT: A main limit theorem for aleatory systems with complete links, which is a generalization to multiple dimensions of the Vivre-Laplace theorem, is presented. The concept of chains with complete links is introduced into the theory of probability by O. Onicescu and G. Mihoc (see C. R. Acad. Sci., 200, 1935, 511). The article contains also a complete specification of homogeneous aleatory systems with complete links. This paper was presented by B. Petkantchin, Corresponding Member BAN, 9 April 1964. Orig. art. has: 14 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 09Apr64 / OTH REF: 005

Card 1/1

BOTEZ, M., Dr., (Ploesti); ANGHELESCU, C., dr., (Ploesti); RADULESCU, Gh., dr., (Ploesti); NICOLAU, A., dr., (Ploesti)

Preliminary report of the therapeutic results of blood transfusion in asthenic neurosis. Med. int., Bucur. 8 no.2:277-283 Apr-May 56.

(NEURASTHENIA, therapy  
blood transfusion)

(BLOOD TRANSFUSION, in various diseases  
neuraasthenia)

*Botez, M.*

DRAGANESCU, S., Prof.; BOTEZ, M.

Enhancing factors in the induction of acute chorea. Romanian M. Rev. 2  
no.1:45-47 Jan-Mar 58.

(CHOREA, etiol. & pathogen.

activation of latent bact. & virus infect. in acute  
chorea)

BOTEZ, M.I.; BROSTEANU, E.R.

Research on bilateral on Jacksonian epileptic seizures. Cesk. neur.  
21 no. 6:374-381 Nov 58.

1. Neurologicka klinika Statni nemocnice c. 9 a elektroencefalograficka  
laborator endokrinologickeho ustavu C. I. Parhon akademie ved rumunske  
lidove demokraticke republiky, Bukurest.

(**EPILEPSY,**  
**Jacksonian seizures, clin. & EEG aspects (Cs)**)

BOTEZ, M.I., ZAMFIR, Radu

Attempts at an objective diagnosis of neurasthenias. Zhurn.nevr.  
i psikh. 85 no.11:1312-1314 N°58 (MIRA 12:1)

1. Bukharevskiy nevrologicheskiy institut im. I.P. Pavlova  
i Pleyeshetskaya gosudarstvennaya bol'niitsa No.1.  
(NEURASTHENIA, diagnosis  
objective diag (Bus))

ARSENI, I.; SHANDOR, G.; BOTEZ, M.I. (Bukharest)

Clinical and pathophysiological observations following extensive  
resections of the cerebral hemisphere. Vop.neirokhir. 23 no.5:  
20-23 S-0 '59. (MIRA 12:11)

1. Neurochirurgicheskaya klinika imeni G. Marinesku.  
(BRAIN surg.)

BOTEZ, M.I.

Recent data on relative tonic palmar reflex and its topical significance. Zhur. nevr. i psich. 59 no.1:10-13 '59. (MIRA 12:3)

1. Bukharetskaya gosudarstvennaya bol'niitsa No.9.

(HAND, physiol.

plantar tonic reflex in diag. of brain dis. (Rus))

(REFLEX,

same)

(BRAIN, dis.

diag., plantar tonic reflex (Rus))

ARSENI, K.; BOTZ, M.I.

Clinical and pathogenic aspects of apraxia of the face, mouth, and tongue. Zhur.nerv.i psich. 59 no.12:1419-1424 '59.

(MIRA 13:4)

1. Klinika neyrokhirurgii imeni D. Bagdasara Bukharevskoy gosudarstvennoy bol'niitsy No.9.

(APRAXIA etiol.)

(FACE dis.)

(MOUTH dis.)

(TONGUE)

BOTEZ, M. I.

Clinical aspects of anterior cerebral artery syndrome. Nauch.  
trudy Inst. nevr. AMN SSSR no.1:201-204 '60.

(MIRA 15:7)

1. Institut nevrologii imeni Pavlova Akademii Rumynskoy Narodnoy  
Respubliki, Bukharest.

(REFLEXES) (CEREBROVASCULAR DISEASE)  
(SPEECH, DISORDERS OF)

BOTEZ, M. I.; KEKEYANU, G. [Calcaianu, G.]

Clinical investigations of the characteristics of aphasia in a left-handed person. Zhur.nevr. i psikh. 61 no.6:820-828 '61; (MIRA 15:2)

1. Bukharetskaya bol'nitsa imeni G.Marinetsku.  
(APHASIA) (LEFT AND RIGHT-HANDEDNESS)

BOTEZ, M.I.

The starting mechanism of speech. Idiognosz. szemle 17 no.1:  
13-29 Ja'64

1. "Prof. Gh. Marinescu" Hospital and the Clinical Division of  
the "I.P. Pavlov" Institute of Neurology or the R.P.R. Academy,  
Bucharest, Rumania.

*Botez, Mihail St.*  
Botez, Mihail St. Sur le problème de la projection biconique dans un espace à quatre dimensions. Bull. Sci. École Polytech. Timișoara 9, 257-271 (1940).

Source: Mathematical Reviews, Vol No.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6

*Boltz, Mihail St. L'expression analytique de la périodicité newtonienne des polygones. Bull. Sci. École Polytech. Timișoara 16, 93-99 (1941).*

Source: Mathematical Reviews, Vol 8 No. 10.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206610019-6"

*Potez, Mihail St.* Sur une surface cerclée particulière.  
Bull. Ecole Polytech. Jassy [Bul. Politehn. Gh. Asachi,  
Iași] 1, 234-237 (1946).

Ghermănescu, studying the variation of the moment of  
momentum with respect to planes passing through a fixed  
straight line [Bull. Sci. Ecole Polytech. Timisoara B. 17,  
182 (1939)] has found that this variation is zero for the  
surface

$$F(x, y, z) = (x^2 + y^2)^2 (x^2 + y^2 + z^2) - \{x^2 I(\lambda_1) + y^2 I(\lambda_2) + z^2 I(\lambda_3)\}^2$$

The author proves several properties of this surface. For  
example, besides its generating circles there are also  
six other circles lying in the planes symmetric with respect to  
coordinate planes. *J. A. Schmitz*, *U.S.A.*

Journal of Mathematical Reviews,

Vol. 13, No. 4,

BOTEZ, Mihail St.

Generalization of the Monge draft. Bul Inst Politeh 26  
no.1:33-39 Ja-F '64.

1. Chair of Descriptive and Applied Geometry, Polytechnic  
Institute, Bucharest.

BOTEZ, Mihail St.

Axial representation of 4-dimensional space. Bul Inst Politeh  
26 no.4:51-57 Jl-Ag '64.

1. Chair of Descriptive and Applied Geometry, Polytechnic  
Institute, Bucharest.

BOTEZ, M. St.; ALB, T.

A Newtonian perspective with parallel fundamental planes.  
Bul stiint polit Cluj no.7:25-31 '64.

1. Polytechnic Institute, Bucharest (for Botez). 2.  
Polytechnic Institute, Cluj (for Alb).

COMBIESCU, D.; DUMITRESCU, N.; ZARNEA, G.; BOTEZ, V.; SARAGEM, A.; IONESCU, H.

Comparative study of serodiagnostic tests in exanthematosus typhus  
and their epidemiological importance. Stud. cercet. inframicrobiol.,  
Bucur. 8 no.3:313-321 1957.

I. Institutul de microbiologie, parazitologie si epidemiologie "Dr  
I. Cantacuzino" Catedra de epidemiologie din I.P.S.M.F.  
(TYPHUS, diagnosis  
exanthematos, serodiag. tests, comparison & epidemiol.  
importance)